

IN THE SPECIFICATION:

The specification as amended below with replacement paragraphs shows added text with underlining and deleted text with ~~striketrough~~.

Please REPLACE the paragraph beginning at page 18, line 24, as follows:

To enable this request, an information signal ASEREQ=0 is sent to the controller in transmitting amplifier unit 110, through optical signal controller (OSC) 312, transmission line 212 and optical signal controller (OSC) 302 in the station A, using an OSC signal (processes P34-1, 34-2, 34-3, ~~34-4~~).

Please REPLACE the paragraph beginning at page 25, line ~~44~~⁴, as follows:

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9/12/07

~~Also, on receipt of ASEREQ=1~~ On receipt of ASEREQ = 0, indicative of gain setting completion included in the OSC signal, which is transmitted from receiving amplifier unit 120 in the station B, transmitting amplifier unit 110 in the station A opens shutter 108 in the preceding stage of transmitting amplifier 106, and thereby signal light is input into transmitting amplifier 106.